

Application Serial No. 10/712,483

REMARKS

In the Office Action mailed Sept. 22, 2005, the Examiner objected to claim 18 as lacking a period. The claim has been amended to include a period.

Claims 1-9, 14 and 17 were rejected under 35 USC Section 102(e) as being anticipated by Gwon. Claim 10 was rejected under 35 USC Section 103(a) as being unpatentable over Gwon in view of Tuutijarvi. Claims 11-13 and 15-16 were rejected under 35 USC Section 103(a) as being unpatentable over Gwon in view of Terasawa. In view of the following comments, the Examiner's rejection is respectfully traversed, and reconsideration of the claims as presented herein is requested.

Claim 2 recites:

A method of operating a mobile communication device, comprising the steps of:

calculating parameters indicative of received signal strength over time;

determining whether a predetermined relationship exists between the

values of the parameters, said step of determining whether a

predetermined relationship exists determining how many

predetermined conditions exist; and

determining reselection is imminent if said predetermined relationship exists.

Gwon discloses a method of determining whether handoff is imminent in a CDMA system. Gwon does not however show or suggest predicting *reselection* is imminent. Furthermore, Gwon does not disclose determining whether a predetermined relationship exists depending on the number of predetermined conditions that exist. Accordingly, Gwon can not anticipate the claim.

The Examiner states that Gwon discloses in paragraph 9 determining how many predetermined conditions exist. Applicants do not understand where the Examiner believes that paragraph 9 teaches this.

Claim 3 recites:

A method of operating a mobile communication device, comprising the steps of:

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calculating parameters indicative of received signal strength over time
wherein said step of calculating includes measuring received
signal strength;
determining whether a predetermined relationship exists between the
values of the parameters; and
determining reselection is imminent if said predetermined relationship
exists, wherein said step of calculating includes computing a
plurality of parameters as a mean of the received signal strength
measurements.

As indicated above, Gwon does not show or suggest predicting *reselection* is imminent. Furthermore Gwon does not disclose that calculating includes computing a plurality of parameters as a mean of the received signal strength measurements. The Examiner points to paragraphs 9 and 10 of Gwon as teaching a plurality of parameters as a mean of the signal strength. Applicants do not understand how the layer 2 and 3 parameters of Gwon teach the claimed invention. Gwon can not anticipate the claim.

Claim 11 recites:

A method of operating a mobile communication device, comprising the steps of:
calculating parameters indicative of received signal strength over time;
determining whether a predetermined relationship exists between the
values of the parameters;
determining reselection is imminent if said predetermined relationship
exists; and
initiating flow control in response to determining that reselection is
imminent.

As indicated above, Gwon does not show or suggest predicting *reselection*. Furthermore, Gwon fails to disclose initiating flow control in response to determining that reselection is imminent. In the Office Action, the Examiner indicates that although Gwon fails to disclose initiating flow control, Terasawa discloses initiating flow control in paragraph 70. Terasawa teaches a method of accommodating asynchronous base stations signals without buffering. Terasawa fails to disclose initiating flow control in response to determining that reselection is imminent. Accordingly, neither reference teaches the claimed invention, and thus even if

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combined, the combination fails to disclose the claimed invention or render it unpatentable.

Claim 15 recites:

A mobile communication device, comprising:
a measurement module;
a reselection predictor coupled to the measurement module, the
 reselection predictor producing in the mobile communication
 device a likelihood of cell reselection message based on
 measurements made by the mobile; and
a virtual bearer for applying flow control to the lower layers, the virtual
 bearer applying flow control responsive to a determination that
 a cell change is imminent.

Neither Gwon nor Terasawa shows or suggests predicting *reselection* is imminent. Furthermore, neither reference teaches a mobile communication device including a virtual bearer. The Examiner refers applicants to paragraphs 69 and 70 of Terasawa, wherein Terasawa teaches a delay between the signals received from asynchronous base stations. However, Terasawa fails to disclose a virtual bearer applying flow control responsive to a determination that a cell change is imminent. Accordingly, neither reference teaches the claimed invention, and thus even if combined, the combination fails to disclose the claimed invention.

Claim 17 recites:

A method of operating a mobile communication device, comprising the steps of:
calculating parameters indicative of received signal strength over time,
 wherein said step of calculating further includes performing an
 n -points sliding parabola calculation by finding required initial
 sums based on the first y_j reselection criteria values at
 corresponding moments t_j ;
determining whether a predetermined relationship exists between the
 values of the parameters; and
determining reselection is imminent if said predetermined relationship
 exists.

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As indicated above, Gwon does not show or suggest predicting *reselection* is imminent. The Examiner states that Gwon discloses an n-point sliding parabola calculation in paragraph 29. However, Gwon does not have any such disclosure in paragraph 29. Accordingly, Gwon neither anticipates nor renders the claimed invention unpatentable.

Accordingly, it is respectfully submitted that prior art fails to disclose the subject matter defined in the independent claims, let alone the subject matter defined in the claims dependent therefrom. The claims are in condition for allowance, and a Notice of Allowance is respectfully solicited.

Respectfully Submitted

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